Technical datasheet

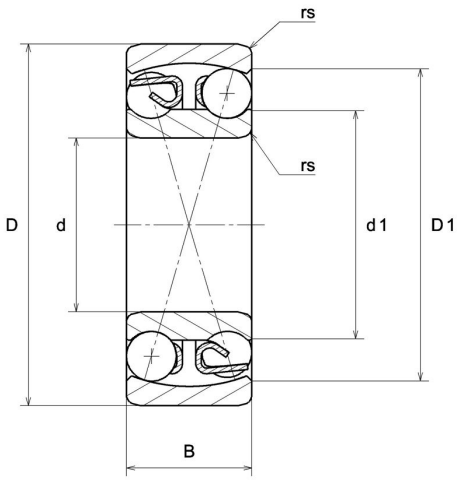
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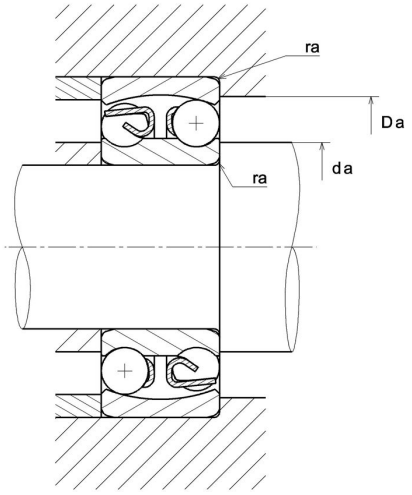
Double row self aligning ball bearings



Self-aligning ball bearing, pressed steel cage, open

Visual(s)





Product definition

d	50 mm
D	90 mm
B	20 mm
d1	62.7 mm
D1	77 mm
rs min	1.1 mm
e	0.2
Y1	3.14
Y2	4.85
Y0	3.29
Radial clearance class	CN
Precision class	P0
Mass	0.53 kg
Brand	SNR

Product performance

Dynamic load, C	22.5 kN
Static load, C0	8.1 kN
Nref	7,600 rpm
Nlim	9,800 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	7.15 Hz
Characteristic outer ring frequency, BPF0	7.78 Hz
Characteristic inner ring frequency, BPFI	10.22 Hz

Abutment dimensions

da min	56.5 mm
Da max	83.5 mm
ra max	1 mm